

COURTESY CLEAN COPY OF CLAIMS
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1. A scrap reduction procedure comprising:

providing a repository for collecting information on materials, sizes and thicknesses available by first fabrication parties;

providing a repository for collecting information on materials, sizes and thickness needs of second user parties;

providing a means for communicating said materials, sizes, and thicknesses available to said second user parties and said materials, sizes, and thicknesses needed to said first fabrication parties to each other;

providing a means for receiving responses to said materials, sizes, thicknesses available from said first fabrication parties and said materials, sizes, thicknesses needed by said second user parties;

communicating said responses to an appropriate said first party or said second party;

reducing scrap by determining said first fabrication parties unused blank material and making that remaining unused blank material available to said second user parties for fabricating said second user parties product needs.

2. A scrap reduction procedure as in claim 1 including:

processing offers from said second parties to have work performed by said first parties;

3. A scrap reduction procedure as in claim 1 including:

negotiating agreements between said first parties and said second parties for offers made.

4. A scrap reduction procedure as in claim 3 including:

processing offers from said first parties to perform work for said second parties;
fabricating said first fabricators needs and said second used parties needs in one continuous operation.

5. A scrap reduction procedure as in claim 1 wherein:

said responses may be in the form of bids by a first party fabricating work products;
including tabulating said bids to fabricate work products and communicating acceptable bids to fabricate to a said second party.

6. A scrap reduction procedure as in claim 1 wherein:

said responses may be in the form of bids by a said second party for having work products fabricated;

including tabulating said bids to have work fabricated and communicating acceptable bids to a said first party;

fabricating said first fabricators needs and said second user parties needs simultaneously.

7. A scrap reduction procedure as in claim 1 including:

providing a means for communicating said materials and sizes availabilities of said first parties and said materials and size availabilities of said second parties on a worldwide basis.

8. A scrap reduction procedure as in claim 1 including:

matching said work to be done size and materials of said second parties with said

potential scrap size and materials of said first parties,

informing said first parties and said second parties of the needs and availabilities of the other's materials and size availabilities that overlap or coincide.

9. A scrap reduction procedure as in claim 1 including:

brokering an agreement between one of a said first parties and one of said second parties to cooperatively reduce said scrap amount.

10. A scrap reduction procedure as in claim 9 including:

negotiating any disputes that arise between one of said first parties and one of said second parties.

11. A scrap reduction procedure as in claim 1 including:

matching said work to be done size and materials of said second parties with said potential scrap size and materials of said first parties;

informing said first parties and said second parties of the needs and availabilities of the other's materials and size availabilities that overlap or coincide;

using a worldwide database to inform said first parties and said second parties of the other's needs and availabilities;

brokering an agreement between one of a said first parties and one of said second parties to cooperatively reduce said scrap amount.

12. A scrap reduction procedure as in claim 1 including:

providing assistance to said first parties and said second parties in ordering and invoicing transactions.

13. A scrap reduction procedure as in claim 1 including:

performing credit checks for said first and second parties.

14. A scrap reduction procedure as in claim 3 including:

tracking production and shipping scheduling for timeliness.

15. A scrap reduction procedure as in claim 3 including:

reviewing work for quality compliance;

fabricating said first fabricators needs and said second user parties needs simultaneously.

16. A scrap reduction procedure as in claim 1 including:

providing a means for communicating said materials and sizes available from said first parties and said materials and sizes needed by said second parties on a worldwide basis;

negotiating agreements between said first parties and said second parties for offers made;

performing credit checks for said parties; providing assistance to said first parties and said second parties in ordering and invoicing transactions;

reviewing work for quality compliance;

tracking production and shipping scheduling for timeliness;

fabricating said first fabricators needs and said second used parties needs in one continuous operation.

17. A scrap reduction procedure as in claim 11 including:

- performing credit checks for said first and second parties;
- tracking production and shipping scheduling for timeliness;
- reviewing work for quality compliance.

18. A scrap reduction procedure as in claim 1 including:

fabricating the needs of said second user party from unused blank space available while fabricating the needs of said first fabricating party.

19. A scrap reduction procedure as in claim 1 including:

programming into a sheet cutting machine the needs of both said first fabricating party and said second user party for concurrent fabrication of the needs of both said first fabricating party and said second user party.

20. A scrap reduction procedure as in claim 1 including:

providing a website with three databases, one first database for fabrication space information available on blanks of said first fabricator, one second database for fabrication space information requirements for second users and one third database for comparing the information contained in said first database with information contained in said second database.